BILL NO. S-81-06-26

SPECIAL ORDINANCE NO. S-161-81

AN ORDINANCE approving Change Order No. 1, St. Joe Study Area, Sewer Improvement Resolution 310-80, Phase IV, Federal Grant #C-180599-06.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That Change Order No. 1 to Rocco, Ferrera & Co., Inc. in connection with St. Joe Study Area Project, for:

due to additional requirements of the Department of Natural Resources regarding the St. Joe River crossing,

in the amount of $32,948.56, as set out in the specifications, which are on file in the Office of the Board of Public Works and are by reference incorporated herein and made a part hereof, be and the same is in all things ratified, confirmed and approved.

SECTION 2. That this Ordinance shall be effective from and after its passage and approval by the Mayor.

COUNCILMAN

APPROVED AS TO FORM AND LEGALITY JUNE 19, 1981.

BRUCE O. BOXBERGER, CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Eisbart, and duly adopted, read the second time by title and referred to the Committee City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 19____, at _____ o'clock _____ M., E.S.T.

DATE: 6-23-81

Charles W. Westerman
CHARLES W. WESTERMAN
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Stier, and duly adopted, placed on its passage. PASSED (~~LOST~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	9				
BURNS	X				
EISBART	X				
GiaQUINTA	X				
NUCKOLS	X				
SCHMIDT, D.	X				
SCHMIDT, V.	X				
SCHOMBURG	X				
STIER	X				
TALARICO	X				

DATE: 7-14-81

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) No. S-161-81

on the 14th day of July, 1981.

ATTEST: (SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 15th day of July, 1981, at the hour of 11:30 o'clock A M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 20th day of July 1981, at the hour of 11 o'clock A M., E.S.T.

WINFIELD C. MOSES, JR.
MAYOR

BILL NO. S-81-06-26

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN ORDINANCE approving Change Order No. 1, St. Joe Study Area, Sewer Improvement Resolution 310-80, Phase IV, Federal Grant #C-180599-06

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

PAUL M. BURNS, CHAIRMAN — Paul M. Burns

VIVIAN G. SCHMIDT, VICE CHAIRMAN — Vivian G. Schmidt

BEN A. EISBART — Ben A. Eisbart V

SAMUEL J. TALARICO — Samuel J. Talarico

ROY J. SCHOMBURG — Roy J. Schomburg

DATE 7-14-81 CONCURRED IN CHARLES W. WESTERMAN, CITY CLERK

Memorandum

To Board of Public Works
Attention: Clerk

Date 2 June 1981

From C. Duane Embury, P.E., Chief Water Pollution Control Engineer

Subject ST. JOE STUDY AREA - Resolution 310-80 - Phase IV - B.O. 15-80
Federal Grant C-180599-06 - Rocco Ferrera & Co., Inc.,
Change Order No. 1

COPIES TO:

Williams
Behrana
Boller
Contract File
Chrono

Attached herewith is an executed copy of Change Order No. 1 for subject Resolution. You will note that this Change Order has been hand-carried to the Indiana Stream Pollution Control Board for their review and approval.

Considering the Board of Public Works has approved this document, this Department recommends that the Clerk of the Board schedule on the Common Council of the City of Fort Wayne's docket the introduction of the referenced Resolution for 9 June, 1981 for first reading.

The Change Order for this Resolution is an increase of $32,948.56.

If you should have any questions regarding this change order, please see me personally.

Respectfully submitted,

C. Duane Embury, P.E., Chief
Water Pollution Control Engineer

CDE/ns

Attachment: Change Order No. 1 - Rocco Ferrera & Co., Inc.

DATED: 6-2-81

Received this date from Water Pollution Control Engineering, the above-referenced Change Order No. 1 to be introduced into Council on 9 June 1981.

Clerk, Board of Public Works

prior approval written
6/9/81

70-204-C
6/4/81

THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802
(219) 423-7061
engineering department
7th floor

1 June 1981

Indiana Stream Pollution Control Board
1330 West Michigan Street
Indianapolis, IN 46204

Attention: Robert T. Penno, Chief
Construction Grants' Section

Reference: ST. JOE STUDY AREA - Resolution 310-80 - Phase IV
B.O. #15-80 - Federal Grant C-180599-06
Rocco Ferrera & Co., Inc., Contractor

Dear Mr. Penno:

Enclosed for your review and approval is Change Order No. 1 for subject Resolution.

If you should have any questions regarding this Change Order, please contact me directly at (219) 423-7061.

Sincerely,

C. Duane Embury

C. Duane Embury, P.E., Chief
Water Pollution Control Engineer

CDE/ns

Enclosure: Change Order No. 1 (3)

cc: Board of Public Works
Lloyd R. Williams, P.E., Project Engineer
Jeff Behrana, Engineer
Contract File
Chrono

70-204-8

9/4/81

CHANGE ORDER

Change Order No. 1
Project No. C-180599-06
Name of Project: ST. JOE INTERCONNECT INTERCEPTOR

Resolution No. 310-80-Phase IV
Board Order No. 15-80
Date:

To: ROCCO FERRERA & CO., INC.
(Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price Decrease	Increase
		"SEE ATTACHED SHEET"			
			Total Decrease	9,029.00	
			Total Increase		41,977.56
		Net (~~Decrease~~) (Increase)	Contract Price		32,948.56

The sum of $ 32,948.56 is hereby (added to) (~~deducted from~~) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price	$ 2,485,490.00
Current Contract Price Adjusted by Previous Change Order	$
New Contract Price including this Change Order	$ 2,518,438.56

The time provided for completion in the contract for this project is (unchanged) (~~increased~~) (~~decreased~~) by N/A calendar days due to this Change Order. The date for completion of all work shall be N/a. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: C. Duane Embury, P.E. Chief Engineer Date 6/2/81

Accepted by: [signature] EVP Contractor Date 6/2/81

Approved by: [signature] City Engineer Date 6/2/81

Approved by: [signature] Owner Date 6/2/81

Betty R. Collins

Attested by: [signature] Clerk Date 6/2/81

ATTACHMENT TO CHANGE ORDER
ST. JOE STUDY AREA - Resolution 310-80 - Phase IV
ROCCO FERRERA & CO., INC., CONTRACTOR

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price Decrease	Increase
33	24± LF	Remove and Replace Steel Guard Rail			
		@ Parnell Bridge	34.50		828.00
34	700± SY	RipRap @ River banks	15.00		10,500.00
35	2,000± CY	Special Backfill "B" Borrow	7.50		15,000.00
36	32± EA	Install Concrete blocks on 30" and 24"			
		river crossing pipe	LUMP SUM		6,706.80
37	4± EA	Install concrete encasement at upper			
		elbows on the river crossing pipe	LUMP SUM		2,760.00
38	1± EA	Install 7½° 60" radius pipe at Sta.			
		253 + 52.2	LUMP SUM		430.99
3	5± EA	Special Str. SJ-20,22,25,26 and 27			
		to be pre-cast structures in lieu of			
		cast in place	1,150.00	5,750.00	
4	2± EA	Special Stru. SJ-21 and 31 to be pre-			
		cast structures in lieu of cast in			
		place	1,107.00	2,214.00	
10	LUMP SUM	Deduct access road from Parnell Avenue			
		to siphon Str. #2	LUMP SUM	1,065.00	
			Total Decrease		
			Total Increase		
		Net (Decrease)(Increase)	Contract Price		

ATTACHMENT TO CHANGE ORDER

ST. JOE STUDY AREA - Resolution 310-80 - Phase IV - "INTERCONNECT"
ROCCO FERRERA & CO., INC., PAGE 2 of 2

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price Decrease	Increase
40	404LF	Soil Testings on Northside, Oswego,			
		Vance and California Avenues	LUMP SUM		2,299.77
41	5± EA	Install 7½° 60" radius pipe at Str.			
		SJ-20	LUMP SUM		3,452.00
			Total Decrease	9,029.00	
			Total Increase		41,977.56
		Net (~~Decrease~~)Increase)	Contract Price		32,948.56

Change Order No. 1

Resolution No. 310-80 - Phase IV

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change:

"SEE ATTACHED SHEET"

2. Will proposed change alter size of the project? Yes_____ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

Lloyd R. Williams

Project Engineer

JUSTIFICATION FOR CHANGE ORDER
ROCCO FERRERA & CO., INC.
Resolution 310-80 - PHASE IV

Item #36 and #37

The contractor notified Water Pollution Control Engineering Department that the proposed concrete blocks in his opinion were not adequate to prevent the midspan joints from floating when they are empty. Even though the pipes were supported at the ends, it still would be possible for the mispan section to bow up. The Engineering Department researched this, and calculations of uplift pressure showed that the concrete blocks would be required on the 24" and 30", but not on the 14".

Furthermore, in addition to the above, the Engineering Department also felt that concrete encasement would be required at the elbows on the upstream end. This is due to the early spring thaw we had. Construction was in progress at that time and half of the river crossing pipe was already under the river bed. At this point in time, the river was rising at a rapid pace. Therefore, the elbows on the upstream end were in grave danger of breaking apart and flotation was the main concern since they were completely empty. The Engineering Department, therfore, authorized the contractor to pour concrete encasement at the elbows so as to protect them.

The cost justification and breakdown as submitted by the contractor is also attached with this change order.

Item #33

After awarding of contracts, the Water Pollution Control Engineering Department was informed by the bidding contractor that there was no pay item to remove and replace the existing guard rail on Parnell Avenue.

After discussion this problem with George West of Army Corps, we in fact, concluded the fact that there was no other route for the contractor to get in and construct the sewer west of Parnell Avenue. Therefore, the guard rail had to be removed so the contractor can get all the necessary equipment through for the construction of the proposed sewer.

This change order reflects this additional cost so the contractor can be reimbursed. The cost of $34.50 submitted by the contractor on the attached sheet is quite comparable to the cost that the City has received from contractors in the past.

Item #34

As discussed earlier the early spring thaw which made the river rise also started eroding the river banks on both sides. Emergency conditions existed and George West from Army Corps discussed this situation with the Engineering Department that something should be done immediately to prevent the banks from washing off. The Engineering Department instructed the contractor that threatening conditions existed and rip rap was needed immediately.

This change order reflects 600± SY of rip rap already on the banks which was field measured. The remaining 100 SY is stored on site at the present time to be used on the banks after final restoration is completed.

The unit cost of $15.00/SY submitted by the contractor is quite comparable to the unit cost received by the City on the other current federal projects.

Item #35 and 40

In order to get more precise information on the soil profile and to determine whether existing spoil is suitable for backfilling under streets, additional soil borings were taken. The soil borings revealed that 90-95% of the project does have material which meets or exceeds the backfill specifications. There were, however, some clay pockets on California where the contractor had to truck in 'B' Borrow which is nothing but sand. Therefore, a new item had to be negotiated so the contractor can be reimbursed for this particular material. The 2000± CY quantity reflects actual quantity already in ground, on California Road.

The Engineering Department could have used #53 or #73 special backfill, which the contractor bid it as stone backfill, at $10.75/CY. This was not cost effective since the 'B' Borrow meets or exceeds the backfill specifications. Therefore, the #53 or #73 special backfill in the original bid item #9 which the contractor bid it as stone material and his price does reflect it, shall only be used for subbase for the restoration of the streets.

Item #3 and 4

To save time and money in constructing monolithic structures, the contractor requested the use of precast round structures. After reviewing the structural details of these, the Engineering Department approved the request with the condition that there will be some savings offered to the City. Attached is a breakdown of those deducts submitted by the contractor on the pre-cast structures. After reviewing these deducts the Engineering Department felt that they are not out of line and completely justified.

Item #41

The sewer as was originally designed on Northside Drive and Vance was shifted towards the centerline of the street since the original route would have endangered the foundation of two properties on Northside Drive and Vance Avenue. To make the bend on Northside Drive and Vance, the Engineering Department had a choice of installing Str. SJ-20, which was a large size pre-cast manhole and one more additional structure or installing two 35° radius pipes and make Str. SJ-20 as a tee manhole.

Considering the depth of the sewer and availably of working room in that particular area, the Engineering Department felt that installing radius pipes would be faster and less costly.

The facts are as follows:

1. Nine (9) 7½° 60" radius pipes are needed to make the bend.

2. Str. SJ-20 which was supposed to be a round 96" Ø precast structure shall be used as Str. SJ-28.

3. Str. SJ-28 which was supposed to be a TEE manhole shall be used as Str. SJ-20.

4. The contractor is not charging the City for nine (9) 7½° radius pipes which are already in the ground, but charging us for only five (5). This is due to the fact that the contractor had already figures in his bid four (4) 7½° radius pipes to be installed with Str. SJ-28 which was a TEE manhole. But now, Str. SJ-28 is a precast 96" Ø structure which has compensated for the bend. Therefore, radius pipes were not installed.

In conclusion, the City is saving approximately $2,700.00 by making the bend on Northside Drive and Vance with nine (9) radius pipes but being chraged for only five (5). After reviewing the attached cost breakdown submitted by the contractor, the Engineering Department feels it is fully justifiable.

Item #38

This extra 7½° 60" radius pipe was needed on California Road as construction progressed, soil conditions changed and clay pockets were encountered. In order to save trucking in special backfill and truck out clay material under the street, field decision was made to shift the sewer off the street and, therefore, just use spoil. In order to make the last stretch and tie into the existing sewer on California and the only place to tie in was in the center of the road. Therefore, the sewer had to be shifted back on track for the tie in. The deflection was approximately 7½° and, therefore, the bend was installed. In the Engineering Department's opinion, the City saved thousands of dollars in special backfill material by just installing a 7½° bend pipe.

After reviewing the attached cost breakdown submitted by the contractor, the Engineering Department feels it is fully justifiable.

Item #10

In the original bid, the specification called for constructing an access road from Parnell Avenue west to the inlet structure at the river for the purposes of cleaning the siphons in the future. The cost of constructing this road was included in bid tiem #7 "Inverted Siphons (River Crossing)." The adjacent property owner came to know about this proposed roadway and asked us to investigate whether the proposed road would block natural drainage. The Engineering Department looked into this and concluded that the proposed road should not be constructed since it would flood the property owner out. Besides, the siphons could be maintained and cleaned from the downstream end on Oswego Avenue.

The attached is a deduct offered by the contractor for the deletion of the road. The Engineering Department has reviewed this deduct anr finds it acceptable.

Rocco Ferrera & Co., Inc.

Underground Construction

30105 West 8 Mile Road
Livonia, Michigan 48152
AC-313-533-1594

RECEIVED

APR 16 1981

Water Pollution Control Engr. Dept.
City-County Building, One Main St.
Ft. Wayne, Indiana 46802

APRIL 10, 1981

CITY OF FORT WAYNE
WATER POLLUTION CONTROL ENGINEERING DEPARTMENT
ROOM 700 - CITY COUNTY BUILDING
ONE MAIN STREET
FORT WAYNE, INDIANA 46805

ATTENTION: MR. LLOYD WILLIAMS, P. E.

RE: ST. JOSEPH INTERCONNECT INTERCEPTOR
RESOLUTION 310-80, PHASE IV

GENTLEMEN:

THE FOLLOWING IS A LIST OF EXTRA WORK AND CHANGES TO CONTRACT DRAWINGS COMPLETED AS OF THIS DATE WHICH REQUIRE A CHANGE ORDER FOR PAYMENT:

ADDITIONAL WORK

1. INSTALL CONCRETE BLOCKS ON 30" & 24" D. I. PIPE IN RIVER CROSSING

LABOR:	
32 PIECES X $50.00/EACH=	$1,600.00
MATERIAL:	
30" BLOCKS, 16 EACH X $146.00/EACH	2,336.00
24" BLOCKS, 16 EACH X $118.00/EACH	1,896.00
	5,832.00
15% OH & P	874.80
TOTAL	$6,706.80

2. ADD CONCRETE ENCASEMENT AT UPPER ELBOWS, 4 EACH X 6 CY= 24 CY X $100.00/CY 2,400.00

15% OH & P 360.00

ADDITION $2,760.00

3. ADD RIP-RAP AT RIVER CROSSING

$15.00/ SY X _____SY=

4. REMOVE & REPLACE STEEL GUARD RAIL
@ PARNELL BRIDGE, 24 LF X $30.00/LF $ 720.00

15% OH & P 108.00

ADDITION $ 828.00

5. SOIL TESTING; NORTHSIDE, OSWEGO, VANCE & CALIFORNIA STREETS
M I T (INVOICE) 404 LF X $4.95/LF $1,999.80

15% OH & P 299.97

TOTAL $2,299.77

6. INSTALL BEVELS @ STATIONS 253 & 52.2
(ADDITIONAL COST TO UNIT PRICE)
60" X 7½° BEVEL $196.00/EACH $ 196.00
- PRICE OF 60" CLASS III PIPE
1.42 LF X $55.09 -78.23

MATERIAL $ 117.77

30 MINUTES ADDITIONAL TIME TO SET 13' DEPTH @ $513.00/HOUR (SEE CREW COST SHEET) LABOR 257.00

TOTAL MATERIAL 117.77
TOTAL LABOR 257.00

$ 374.77

15% OH & P 56.22

TOTAL $ 430.99

7. ADDITIONAL BEVELS AT S J -20 (SEE REVISED SHEET #37)
2 35° BENDS= 9 BEVELS (7½° EACH)
-BEVELS @ MH 28, 4
TOTAL BEVELS, 9 - 4 = 5

60" X 7½° BEVEL, $196.00
1.42 X $64.57, 91.69

104.31 X 5 EACH $ 522.00

20" DEPTH, 1 HOUR/BEVEL ADDITION
$496.00/HOUR X 5 2,480.00

$ 3,002.00

15% OH & P 450.00

TOTAL $ 3,452.00

8. "B" BORROW, 2565.3 TONS = 1,682.15 CY X $7.50 $12,616.20

DEDUCTS

1. CHANGE MANHOLES FROM CAST-IN-PLACE TO PRECAST PER OUR LETTER OF 12-22-80 $ 7,964.00

2. DELETE ACCESS ROAD FROM PARNELL AVENUE TO SIPHON STRUCTURE #2

#2 STONE - 182 CY @ $6.45/CY	-$ 1,174.00
#53 STONE - 89 CY @ $6.75/CY	- 601.00
LABOR TO SPREAD STONE	- 250.00
TOTAL CREDIT	$ 2,025.00
ADD IN EXTRA DISPLACEMENT FROM PIPE EXCAVATION WHICH COULD HAVE BEEN USED FOR THE ROAD EMBANKMENT - 384 CY @ $2.50	+$ 960.00
NET DEDUCT	$ 1,065.00

YOURS TRULY,

ROCCO FERRERA & CO., INC.
DENNIS OSZUST,
PROJECT ENGINEER

DO/MER

CREW COST:

EQUIPMENT	EQUIPMENT	FUEL/OIL	
INSLEY 3500 OR 9570	$400.00/DAY	$182.00	$ 582.00
LOADER 966	200.00/DAY	112.00	312.00
D-5 DOZER	200.00/DAY	82.00	282.00
GENERATOR	90.00	60.00	150.00
COMPRESSOR	40.00	20.00	60.00
MISCELLANEOUR TOOLS 5%	45.00		45.00
1 TANDUM	175.00/EACH	120.00/EACH	295 00
2 TRIAXLES	200.00/EACH	120.00/EACH	640.00
			$2,366.00

9 HOUR DAY:

1 FOREMAN	$140.00/DAY	X 1	=	$ 140.00
1 LAYOUT MAN	12.50/HOUR	X 9½	=	118.75
1 PIPELAYER	12.71/HOUR	X 9½	=	120.75
3 LABORERS	9.75/HOUR	X 28½	=	277.88
3 OPERATORS 2 @ 12.44	12.44/HOUR	X 19	=	236.36
1 @ 13.38	13.38/HOUR	X 9½	=	127.11
1 OILER	9.79/HOUR	X 9½	=	93.01
1 MECHANIC	12.88/HOUR	X 10	=	128.80
3 TRUCK DRIVERS	10.66/HOUR	X 28½	=	303.81
				1,546.47
FRINGES, INSURANCE & PAYROLL TAXES				603.12
				$2,149.59

INSURANCE	23%	EQUIPMENT	$2,366.00
WORKMANS COMP.	3%	LABOR	2,149.59
FRINGES	13%		$4,515.00
	39%	TRAVEL, 5 DAYS @ $20.00/DAY	100.00
			$4,615.00/DAY

$4,615.00/DAY ÷ 9 = $513.00/HOUR

THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

board of public works

June 9, 1981

The Common Council
Fort Wayne, Indiana

SUBJECT: CHANGE ORDER #1, ST. JOE STUDY AREA, RESOLUTION 310-80, PHASE IV FEDERAL GRANT C-180599-06, ROCCO FERRERA & CO., INC.

Gentlemen and Mrs. Schmidt:

Change Order #1 with Rocco Ferrera & Co., Inc. as the contractor in the amount of $32,948.56 on Federal Grant Number C-180599-06, St. Joe Study Area, Resolution 310-80, Phase IV has been approved by the Board of Public Works (Federal Funded Project).

Said change is required due to additional requirements of the Department of Natural Resources regarding the St. Joe River crossing.

In order to avoid any delay in construction, the Board respectfully requests a "Prior Approval"of the Change Order.

Special Ordianance for formal approval will be introduced in the near future.

Yours truly,

BOARD OF PUBLIC WORKS

MARK L. AKERS, CHAIRMAN

CITY OF FORT WAYNE

WIN MOSES, JR.MAYOR

sa
approved:

attest:

5331

TITLE OF ORDINANCE CHANGE ORDER #1, ST. JOE STUDY AREA, SEWER IMPROVEMENT RES. 310-80 PHASE IV FEDERAL GRANT NO. C-180599-06.

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS A-81-06-26

SYNOPSIS OF ORDINANCE CHANGE ORDER #1, ST. JOE STUDY AREA , SEWER IMPROVEMENT RESOLUTION 310-80 PHASE IV, FEDERAL GRANT NO. C-180599-06, ROCCO FERRERA & CO., INC. HAS REQUESTED A CHANGE ORDER DUE TO ADDITIONAL REQUIREMENTS OF THE DEPARTMENT OF NATURAL RESOURCES REGARDING THE ST. JOE RIVER CROSSING.

Prior Approval Required and Attached

EFFECT OF PASSAGE CONTINUATION OF THE ST. JOE STUDY AREA SANITARY SEWER.

EFFECT OF NON-PASSAGE THE ABOVE DESCRIBED PROJECT CANNOT BE COMPLETED.

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) $32,948.56 TO BE PAID FOR AS FOLLOWS: (75%) EPA, (10%) STATE, (15%) CITY UTILITIES.

ASSIGNED TO COMMITTEE

SA